

2/03/04

PTO/SB/08A (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

Approved for use through 09/30/2003. GIN 0531003  
**U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Completeness Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	TBD 10/771,075
		Filing Date	HEREWITH 3/03/2004
		First Named Inventor	Li
		Art Unit	TBD 2811
		Examiner Name	TBD G. MUNSON
Sheet	1	of	1
		Attorney Docket Number	
		2003 P 54557 US	

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cita. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>JKM</i>	1	INUMIYA, S., <i>et al.</i> , "Fabrication of HfSiON Gate Dielectrics by Plasma Oxidation and Nitridation, Optimized for 65nm node Low Power CMOS Applications," 2003 Symposium on VLSI Technology Digest of Technical Papers, pp. 18-19, Document No. 4-89114-035-6/03.	
<i>JKM</i>	2	WOLF, S., "Silicon Processing for the VLSI Era: Diffusion in Silicon" pp. 336-339.	

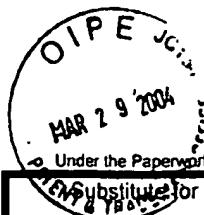
**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **1**Applicant's unique citation designation number (optional). **2**See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. **3**Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **4**For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **5**Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **6**Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**BEST AVAILABLE COPY**



PTO/SB/08A (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

Approved for use through 09/2000. GPO 0007-0001  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<p><b>Complete if Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>10/771,075</td> </tr> <tr> <td>Filing Date</td> <td>February 3, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Li</td> </tr> <tr> <td>Art Unit</td> <td>380 2811</td> </tr> <tr> <td>Examiner Name</td> <td>G. MUNSON</td> </tr> </table>		Application Number	10/771,075	Filing Date	February 3, 2004	First Named Inventor	Li	Art Unit	380 2811	Examiner Name	G. MUNSON
Application Number	10/771,075														
Filing Date	February 3, 2004														
First Named Inventor	Li														
Art Unit	380 2811														
Examiner Name	G. MUNSON														
Sheet	1	of	1	Attorney Docket Number											
2003 P 54557 US															

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(use as many sheets as necessary)**

Sheet

1

8

1

**Complete if Known**

Application Number	10/771,075
Filing Date	February 3, 2004
First Named Inventor	Li
Art Unit	TBD 2811
Examiner Name	TBD G. MUNSON

Attorney Docket Number 2003 P 54557 US

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Case No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	+2
<i>SG/MS</i>	1	"Front End Processes," International Technology Roadmap for Semiconductor (ITRS), 2003 Edition, pp. 23-25, <a href="http://member.itrs.net/">http://member.itrs.net/</a> .	

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **\*Applicant's unique citation designation number (optional):** See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. **\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3):** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **\*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.** **\*Applicant is to place a check mark here if English language Translation is attached.**

Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

BEST AVAILABLE COPY